

IC 2001-2 TO AFI 10-201, STATUS OF RESOURCES AND TRAINING SYSTEMS (SORTS)

30 NOVEMBER 2001

SUMMARY OF REVISIONS

This revision incorporates interim change (IC) 2001-02 which directs measured units to report status of nuclear, biological, and chemical (NBC) defense equipment and individual and unit level NBC training in a separate CBDRT SORTS report (Attachment 6). This IC also modifies guidance on reporting of civilian personnel in the personnel measured area (Chapter 3).

★2.10.7. Use Attachment 6 Nuclear Biological Chemical Defense SORTS Report (CBDRT) to report the status of unit required/authorized Nuclear, Biological, and Chemical Defense Equipment and Training. All measured units will complete a CBDRT SORTS report concurrent with the unit's primary SORTS report.

★3.1.1.6.1. DOD civilian personnel are included in the personnel count and calculations only if they are designated as Emergency Essential (EE) (IAW AFI 10-231 *Federal Civilian Deployment Guide*) or as "Key" DOD civilians (IAW AFI 36-507 *Mobilization of the Civilian Workforce*).

★3.1.1.6.2. When counting applicable civilian personnel in SORTS, assurance must be made that these personnel have no Reserve or Guard commitments during crisis or wartime that can make them subject to recall.

★Table A.3.5. Reporting Equipment and Supplies On Hand Reason Codes.

Rule	A	B
	If the primary reason that the equipment and supplies on hand measured area is not S-1 is	then in the field ESRES report
1	aircraft in storage	S03
2	aircraft not fully equipped	S04
3	aircraft on loan	S05
4	aircraft operational loss	S06
5	allowed equipment away for repairs	S07
6	allowed equipment away on loan	S08
7	allowed equipment never received	S09
8	awaiting critical modification	S11
9	equipment removed	S14
10	missiles inoperative	S15
11	obsolete equipment	S16
12	organization decommissioning/deactivating	S17
13	organization recently activated/reorganized	S18
14	radar equipment unavailable	S19
15	subordinate organization detached	S21
16	shortage ammunition	S22
17	shortage – attached element	S24
18	shortage – communications equipment	S25
19	shortage - major end item	S27
20	shortage – engineering equipment	S28
21	shortage - repair parts, spares (allowance list items)	S31
22	shortage - repair parts, spares (not allowance list items)	S32
23	shortage – special supply equipment	S36
24	shortage - stock supply	S37
25	shortage – supporting equipment	S40
26	shortage - test equipment	S41
27	shortage – authorized equipment	S42
28	shortage – vehicle(s)	S43
29	shortage - war readiness spares kit	S44
30	shortage - off-loaded aircraft	S45
31	shortage - off-loaded - anti-submarine warfare weapons	S49
32	shortage - off-loaded fuel	S50
33	shortage - off-loaded - missile (SAM)	S51
34	aircraft combat loss	S54
35	missiles unserviceable	S55
36	insufficient fuel	S56
37	shortage – support equipment	S57
38	shortage - spare engines	S58
39	insufficient funds	S66
40	aircraft deployed separate tasking	S67

41	shortage – individual tool kit	S68
42	shortage – mobility bag	S69
43	shortage - fire fighter protective clothing	S70
44	shortage - 463L material handling equipment	S71
45	shortage – material handling equipment, other	S72
46	shortage – mobility gear (except material handling equipment)	S73
47	shortage - A/E kits	S74
48	shortage shelters	S75
49	shortage – operating room equipment	S76
50	shortage – generators	S77
51	shortage – laboratory equipment	S78
52	shortage – hospital beds	S79
53	shortage weapons	S80
54	shortage – protective equipment	S81
55	shortage – intrusion protection equipment	S82
56	shortage – equipment on loan	S83
57	equipment deployed (mission support)	S84
58	major equipment in depot modification	S85
59	major equipment in local modification	S86
60	shortage - base-level self-sufficiency spares	S87
61	major equipment in programmed depot maintenance	S88
62	shortage – refueling vehicles	S96
63	shortage – refueling dispensing equipment	S97
64	shortage – cryogenic production equipment	S98
65	area not measured by parent Service direction	SNM
66	SECRN/SECRF field only for commander upgrade	SUP
Rule	A	B
	If the primary reason that the CBDRT equipment and supplies on hand for measured area is not S-1 is	then in the ESRES field report
67	area not measured by parent service direction	SNM
68	shortage – category 1 Individual Protective Equipment (IPE)	SRA
69	shortage – Category 2 Detection Equipment (DET)	SRB
70	shortage – Category 3 Decontamination Equipment (DEC)	SRC
71	shortage – Category 4 Radiac Equipment (RAD)	SRD
72	shortage – Category 5 Chemical-Biological Medical Supplies (MED)	SRE
73	shortage – Category 6 Collective Protection Systems (CPS)	SRF
74	unserviceable/expired - Category 1 Individual Protective Equipment (IPE)	SRG
75	unserviceable/expired - Category 2 Detection Equipment (DET)	SRH
76	unserviceable/expired - Category 3 Decontamination Equipment (DEC)	SRI
77	unserviceable/expired - Category 4 Radiac Equipment (RAD)	SRJ
78	unserviceable/expired - Category 5 Chemical-Biological / Medical Supplies (MED)	SRK

79	unserviceable/expired - Category 6 Collective Protection Systems (CPS)	SRL
80	equipment/supplies awaiting critical modification	SRM
81	shortage of support equipment (DECON Site Support Material)	SRN
82	shortage of general supply equipment	SRO
83	shortage of repair parts	SRP
84	NBC equipment incomplete or obsolete	SRQ
85	Non-Mission Capable During Recent NBC Exercise/Evaluation	SRS

★Table A.3.7. Reporting Training Reason Codes.

Rule	A	B
	If the primary reason that the training measured resource area is not T-1 is	then in the field TRRES report
1	inadequate – school quotas	T05
2	inadequate – training ammunition	T07
3	inadequate – training areas	T08
4	incomplete – exercise/inspections	T09
5	incomplete firing /proficiency tests	T10
6	insufficient – crews not category 1	T11
7	insufficient – funding	T15
8	insufficient – pilots not category 1	T17
9	insufficient – type training time	T18
10	inspection – failed initial certification	T19
11	inspection – failed re-certification	T20
12	operational commitments	T23
13	organization activating	T24
14	organization decommissioning/deactivating	T25
15	organization in rotational deployment	T26
16	personnel turnover excessive	T28
17	shortage – equipment	T31
18	shortage – instructor	T32
19	shortage – instructor pilot/aircrew	T33
20	shortage – personnel	T37
21	tests – unsatisfactory C-level	T40
22	training incomplete	T41
23	training incomplete - mobility	T50
24	training incomplete - teams	T56
25	training incomplete - fuel shortage	T57
26	insufficient - flight hours	T68
27	crews deployed separate tasking	T69
28	training incomplete - lack of aerial combat tactics	T70
29	insufficient crews not category 1: enlisted aircrew members, loadmasters, flight engineers	T71
30	degraded on-the-job training progression	T72
31	training incomplete - hazardous cargo certifiers	T73
32	training incomplete - materiel handling equipment operators	T74
33	shortage - forward air controllers on aircrew duty	T75
34	shortage - terminal attack controllers on tactical air control party duty	T76
35	shortage - weapons controllers	T77
36	shortage - weapons technicians	T78
37	training degraded - inadequate special use airspace, warning areas	T79
38	training degraded - inadequate special use airspace, restricted areas	T80
39	training degraded - inadequate special use airspace, military training routes	T81

40	training degraded - inadequate special use airspace, military operating areas	T82
41	training degraded - inadequate special use airspace, supersonic airspace	T83
42	area not measured by parent Service direction	TNM
43	SECRN/ SECRF fields only for commanders upgrade	TUP
Rule	A	B
	If the primary reason that the CBDRT training measured area is not T-1 is	then in the field TRRES report
44	insufficient Individual Protective/Survival Measures Training	TNA
45	insufficient Unit Mission Oriented Task Training	TNB
46	insufficient NBC Team Training	TNC
47	insufficient NBC Officer/Specialist Training	TND
48	insufficient MOPP condition training	TNE
49	insufficient personnel completing the mask confidence exercise	TNF
50	shortage of training devices/assets	TNG
51	shortage of trained NBC team members	TNH
52	personnel shortage - NBC Defense Officer	TNI
53	personnel Shortage - NBC Defense Specialist	TNJ
54	non-mission capable during recent NBC exercise/evaluation	TNK
55	environmental restrictions on training	TNL
56	area not measured by parent service direction	TNM
57	high temperature training restrictions	TNN
58	inadequate training ammunition - CS capsules/grenades	TNO
59	inadequate school quotas	TNP
60	new equipment - training not received	TNQ

★Attachment 6 (added)

NUCLEAR BIOLOGICAL CHEMICAL DEFENSE REPORT (CBDRT)

A6.1. Reporting Chemical Biological (CB) Defense C-Level (CBDRT): An inherent part of every unit's mission is the ability to survive and operate in a nuclear, chemical or biological contaminated environment. IAW CJCSM 3150.02, *Global Status of Resource and Training Systems (GSORTS)*, all SORTS measured units are required to provide a separate SORTS readiness assessment in a Chemical Biological Defense Report (CBDRT) based on the unit's ability to perform its wartime mission in this environment. This assessment is based on measurements of mission ready and available (MRA) nuclear, biological, chemical (NBC) defense equipment and the status of individual and unit level NBC defense training. The CBDRT SORTS report will be submitted concurrent with the units primary SORTS report, and provide measured area ratings in equipment and supplies (S level) and training (T level), an overall C-level, and accompanying remarks to report a unit's capability to perform it's wartime mission under NBC conditions. These measured area ratings are specific to the unit's NBC requirements and are to only be reported in the CBDRT TREAD SORTS report. The CBDRT report may be a factor in the unit's primary overall C-Level; however CBDRT is not used in calculations of this overall unit (READY) C-level. Units shall use AFSORTDET version 1.3.8.9 or later versions to create a CBDRT SORTS report.

A6.1.1. NBC Defense Equipment and Supplies On-Hand Rating (ESRAT) is based on the percentage of wartime NBC defense equipment mission ready and available (MRA) allocated to and available to the unit (within the DOC response time) divided by the NBC equipment required. Report an NBC equipment and supplies rating (S level) IAW Table A6.1 and enter the appropriate rating, based on the lowest calculated equipment category (Table A6.2) that applies to the unit. For a CBDRT S-level below S-1, state the reasons in the ESRES remarks field of the CBDRT IAW paragraph A.6.1.1.7. Include the applicable supply reason code (Table A3.5.) If a unit has no requirement in a particular equipment category an entry of '0' is made. Note: Most units will report on only Category 1 equipment.

A6.1.1.1. Category 1 - Individual Protective Equipment (IPE). Count number of C-1, D, and D-1 mobility bags that are on-hand, divided by the number authorized or required. Aircrew D and D-1 bags and C-1 bags must have 100 percent of required contents to count as available. **NOTES:** (1) AFI 32-4001, *Disaster Preparedness Planning and Operations*, (changing to AFI 10-2501, *Full Spectrum Threat Response Planning and Operations*), lists the contents of the C-1 bag. (2) If C-1 bags are centrally stored by base supply, a unit reports the bags allocated to the unit by the Installation Readiness Board as the on-hand number. For centrally stored C-1 bags, the total bags reported for all units on base cannot exceed the number available on the installation. See AFI 32-4001. (3) Aircrew D and D-1 bag requirements are identified in AFI 11-301, *Aircrew Life Support (ALS) Program*.

A6.1.1.2. Category 2 - Detection Equipment. Count equipment items listed in LOGFOR for UTCs listed in the unit DOC statement and equipment required by Base Support Plans or functional area requirements documents. Do not count detection items in C-1 bags. Divide MRA equipment by total number required. See AFI 32-4001, (changing to 10-2501) for details.

A6.1.1.3. Category 3 – Decontamination Equipment. Count equipment items listed in LOGFOR for UTCs listed in the unit DOC statement and equipment required by Base Support Plans or functional area requirements documents. Do not count decontamination items in C-1 bags. Divide MRA equipment by total number required. See AFI 32-4001 (changing to AFI 10-2501) for details.

A6.1.1.4. Category 4 – RADIAC Equipment. Count equipment items listed in LOGFOR for UTCs listed in the unit DOC statement and equipment required by Base Support Plans or functional area requirements documents. Divide MRA equipment by total number required. See AFI 32-4001 (changing to AFI 10-2501) for details.

A6.1.1.5. Category 5 - Medical Countermeasure Equipment. Procedures for counting Medical Countermeasures are outlined in AFMAN 23-110, VOL 5.

A6.1.1.6. Category 6 – Collective Protection. Count fully functioning collective protection assets listed in LOGFOR for UTCs listed in unit DOC statement and equipment required by Base Support Plans or functional area requirements documents. Divide MRA equipment by total number required. See AFMAN 32-4005, *Personnel Protection and Attack Actions* para 1.12.5 for details.

A6.1.1.7. Equipment and Supplies Rating ESRAT Remarks identify the numbers of on-hand, required and the percentage of equipment in each category. Plain text remarks identifying deficiencies and get well actions should be entered under the CBDRT ESRES remarks fields. The following is an unclassified example of the AFSORTSDET formatted remarks:

```
LABEL/U/A/LABEL:ESRAT//  
GENTEXT/RMK/011213 INDIVIDUAL PROTECTIVE EQUIP/63/90/70/  
DETECTION EQUIP/-/  
DECONTAMINATION EQUIP/-/RADIAC EQUIP/-/COLLECTIVE PROTECTION/-/CHEMICAL-  
BIOLOGICAL MEDICAL SUPPLIES/270/270/100/
```

```
LABEL/U/A/LABEL:ESRES//  
GENTEXT/RMK/011213 CATEGORY 1 SHORTAGE OF 27 C-1 BAGS. ADDRESSED TO MAJCOM  
FOR FURTHER ACTION. EGWD: APR 02//
```

A6.1.2. Individual and Unit NBC Defense Training Rating (**TRRAT**) is calculated IAW the applicable training methods of Chapter 6, (Method B (paragraph 6.2), Method C, option 1 (paragraph 6.3) or Method C option 2 (paragraph 6.4)). Determine the percent of people (or crews) who are current in each category of training. Based on the category with the lowest percent available, report NBC defense training status IAW Table A6.3 and enter the appropriate T level rating (TRRAT). For units measuring under Method C Option 2 use Table 6.3. For a CBDRT T-level below T-1, insert the applicable training reason code (from Table A.3.7.) in the TRRES field and explain the reasons in TRRES remarks.

A6.1.2.1. Individual NBC Defense Training. Count the number of personnel who have completed required NBC defense training and divide by the number of total personnel assigned

required to complete the training. Requirements for individual NBC training are listed in AFI 32-4001 (changing to AFI 10-2501, Chapter 9).

A6.1.2.2. Unit NBC Task Qualification Training (TQT). Count the number of unit personnel who have completed and are current in NBC TQT training IAW AFI 32-4001 (changing to AFI 10-2501, Chapter 9). Divide this by total unit personnel assigned who require the training.

A6.1.2.3. The lowest percentage of A6.1.2.1 or A6.1.2.2 is used to assign a training level (T level) under the TRRAT field IAW Table A6.3. State the reasons for below T-1 status in the TRRES field and the applicable training reason code from table A.3.7.

A6.1.2.4 Training Remarks. TRRAT remarks list number of personnel who require training, the number who are current in their training, and the percent of personnel complete and current for each training category (Individual NBC defense and unit level training). TRRES remarks should explain in plain text English deficiencies and get well actions. The following is an example of the AFSORTSDET formatted remark:

```
LABEL/U/A/LABEL:TRRAT//  
GENTEXT/RMK/011213 NBC DEFENSE TRAINING/75/90/84//NBC TQT TRAINING/75/90/84//  
  
LABEL/U/A/LABEL:TRRES//  
GENTEXT/RMK/011213 NBC DEFENSE TRAINING - SHORTFALL DUE TO LOSS OF NBC  
INSTRUCTORS FOR DEPLOYMENT, EGWD:JAN 02//
```

A6.2. Overall CBDRT C level. Unit Commanders will assign an overall CBDRT C-Level based on the lowest of the equipment and supplies on-hand (ESRAT) and training levels (TRRAT). The CBDRT overall C-level are assigned based on definitions in paragraph 1.12, relevant to the unit's ability to operate in CB conditions. An overall C-level will be entered in the READY field under TREAD=CBDRT report. If applicable a primary reason (in plain text English) should be stated under the CBDRT TREAD REASN field, while using an applicable reason code from Table A.3.5. and A.3.7 for the subarea ratings. A CBDRT SORTS report will be submitted in conjunction with the unit's primary SORTS report. A commander assessment is not applicable to the CBDRT report, however the CBDRT overall rating can be used as a factor in the commander assessment of overall unit readiness in the primary unit SORTS report. An example AFSORTSDET CBDRT overall set is shown below:

```
OVERALL/U/A/RICDA:20011212/TREAD:CBDRT/READY:3/REASN:S/-/-//  
EQSUPPLY/ESRAT:3/ESRES:SRA//  
TRAINING/TRRAT:2/TRRES:TNB//
```

A6.3. CBDRT Data requirements. Table A.3.5. and Table A.3.7. list applicable reason codes for use with the CBDRT. No FORECAST Set data is required. Only applicable Equipment and Training reason codes listed in Table A.3.5. and Table A.3.7. will be used for CBDRT overall and subarea level ratings (S level, and T level). Use the REASN code from Table A6.4 for the CBDRT overall rating.

Table A6.1. Changing Nuclear, Chem-Bio Equipment On-Hand Percentage into an S-Level CBDRT TREAD.

R U L E	A	B
	If the lower of the Chemical Biological Defense equipment on-hand percentages is in the range from	then the equipment and supplies on hand S-level ESRAT label will be
1	90 to 100	S-1
2	80 to 89	S-2
3	65 to 79	S-3
4	0 to 64	S-4

Table A6.2. Categories of CBD Equipment.

A	B
Category 1 (Individual Protective Equipment, (IPE))	Each complete C-1Bag IAW AFI 10-2501 and each complete D and D-1 aircrew bag IAW AFI 11-301.
Category 2 (Detection Equipment)	CB detection equipment not included in the mobility C-bag
Category 3 (Decontamination Equipment)	Decontamination supplies and equipment not included in the mobility C-bag
Category 4 (RADIAC Equipment)	Radiological detection equipment
Category 5 (CB Medical Supplies)	NBC medical materiel IAW AFMAN 23-110, VOL 5
Category 6 (Collective Protection Systems)	Collective protection IAW AFMAN 32-4005

Table A6.3. Training Percentage T-Level. (Method B, paragraph 6.2. or Method C, Option 1 Only, paragraph 6.3).

R U L E	A	B
	If the training percentage is in the range from	then the training T-level is:
1	85 to 100	T-1
2	70 to 84	T-2
3	55 to 69	T-3
4	0 to 54	T-4

Table A6.4 REASN codes for CBDRT.

RULE	A	B
	If the overall CBDRT C level is	Then the REASN code is
1	Less than C-1 and the reason most effecting C level is NBC equipment	S
2	Less than C-1 and the reason most effecting C level is NBC individual or unit training	T
3	C-5 and a resource area is C-4 for a service directed resource action	N